

Abstract of the Disclosure

A plurality of different structural members for reinforcing a plate-like structure, such as a bushing tip plate for intended use in forming fibers from a fluid material supplied to a bushing assembly, are disclosed. Each reinforcing member includes a body having a first portion for attachment to the structure and a second portion having a profile with a variable height including at least one apex. The body may be integrally formed of a single piece of material, or two or formed from more separate pieces of material bonded or secured together. The body may be T-shaped, L-shaped, or F-shaped in cross-section. The second portion of the body may have an inverted V-shaped profile, an inverted W-shaped profile, or an arcuate profile. The at least one apex may be located at the midpoint or elsewhere along the length of the body.